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PATENT  
SD7299S100356**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Roesler et al

Group No.: 2836

Serial No.: 10/ 729,614

Examiner: Jackson, S.

Filed: December 4, 2003

Paper No.: 20061110

For: Compact Monolithic Capacitive Discharge Unit

**RESPONSE TO OFFICE ACTION**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants have carefully reviewed the Office Action of September 29, 2006 and submit the following in complete response thereto. Reconsideration of the claims is respectfully requested in order to place the Application in condition for allowance.

**Remarks**

The following comments are provided in support of the claims presented.

**1. § 103 Rejections:**

Claims 1, 2 and 9 have been rejected under 35 U.S.C. § 103(a) as being obvious over Blysmas et al (US 5,992,401) in view of Abt et al (US 5,543,644).

Claim 1 requires that a thyristor switch be **"attached onto one side** of the ceramic capacitor" and that a transformer and a diode in the flyback charging circuit be **"attached onto the side** of the ceramic capacitor opposite the thyristor switch." Blysmas et al does not disclose, teach or suggest that any circuit elements including a thyristor switch, a transformer and a diode are **attached onto the sides** of the capacitor 20 as required by Claim 1. In Abt et al, there is also no disclosure, teaching or suggestion for a thyristor switch, a transformer and a diode being **attached onto the sides** of the capacitors therein. In Abt et al, the capacitors comprise bottom electrodes 138a and 138c, ferroelectric material 152, and top electrodes 154a and 154b, and are formed with one side of the capacitors abutting field-effect